

ATTACHMENT A

CITY OF
CORAL GABLES



Cory Mofield
NRE Agreements Specialist
120 S. Riverside Plaza, Suite 1800
Chicago, IL 60606
312-638-5320
cory.mofield@mobilitie.com

January 19, 2016

Lina Hickman,
Civil Engineer
City of Coral Gables
2800 SW 72nd Street
Miami, FL 33155
305-460-5048
lhickman@coralgables.com

RE: Mobilitie, LLC City of Coral Gables Code of Ordinances Section 70-74 Registration

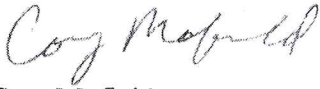
Dear Ms. Lina Hickman:

Pursuant to the City of Coral Gables Code of Ordinances Section 70-74, this letter serves as registration of Mobilitie, LLC for the purpose of placing and maintaining infrastructure within the City right-of-way. Should you have any questions, please do not hesitate to reach out to us.

- (1) Cory Mofield
120 S. Riverside Plaza
Suite 1800
Chicago, IL 60606
312-638-5320
cory.mofield@mobilitie.com
- (2) Mobilitie, LLC is a certified public utility that provides backhaul services that compete with, and augment, existing fiber solutions. As part of its services offering, Mobilitie, LLC constructs and maintains ownership of various operational structures within rights-of-way. Mobilitie, LLC does not provide communications services to customers at retail within jurisdictional limits of the city.
- (3) See attached certificate of insurance
- (4) See attached Florida Public Service Commission Alternative Access Vendor certification

(5) See attached performance bond

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Cory Mofield".

Cory Mofield
NRE Agreements Specialist

Attachments: certificate of insurance, Alternative Access Vendor certification, performance bond



CERTIFICATE OF LIABILITY INSURANCE

MOINV-3

OP ID: PS

DATE (MM/DD/YYYY)

11/13/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Silverstone Insurance Services Jetton & Assoc Ins Svs Inc P.O. Box 1200 (Lic #0C04828) Rancho Cucamonga, CA 91729-1200 Brent Jetton, AAI, CIC		Phone: 909-980-4211 Fax: 909-980-4788	CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: FAX (A/C, No):
INSURED Mobilite LLC 2220 University Drive Newport Beach, CA 92660		INSURER(S) AFFORDING COVERAGE INSURER A: Federal Insurance Company INSURER B: Great American E&S Ins Co INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 20281 37532	

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSTR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXF (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> GENERAL LIABILITY			36036868	11/11/2015	11/11/2016	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						MED EXP (Any one person) \$ 10,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY \$ 1,000,000
	<input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC						GENERAL AGGREGATE \$ 2,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY			73591570	11/11/2015	11/11/2016	PRODUCTS - COMP/OP AGG \$ 2,000,000
	<input checked="" type="checkbox"/> ANY AUTO						COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per person) \$
	<input checked="" type="checkbox"/> HIRED AUTOS	<input checked="" type="checkbox"/> NON-OWNED AUTOS					BODILY INJURY (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB	<input checked="" type="checkbox"/> OCCUR		70897220	11/11/2015	11/11/2016	PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					EACH OCCURRENCE \$ 5,000,000
	<input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						AGGREGATE \$ 5,000,000
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	N/A	71749082	11/11/2015	11/11/2016	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
	<input checked="" type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT \$ 1,000,000
	<input type="checkbox"/> If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Pollution Liab			PRE315985700	02/09/2015	02/09/2016	Aggregate 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

If required by written contract City of Coral Gables, its officers, directors, agents, servants, employees, successors and assigns are add'l insured to all liab policies except workers' comp, subject to policy provision. Primary/Non-Contributory Wording applies. Waiver of subro applies to all policies, subject to policy provisions. 30 Day Notice of Cancellation

CERTIFICATE HOLDER**CANCELLATION**

CICOR01 City of Coral Gables Coral Gables City Hall 405 Biltmore Way Coral Gables, FL 33134	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	---



2 of 2 DOCUMENTS

In re: Application for certificate to provide alternative access vendor service by Mobilitie, LLC

DOCKET NO. 060626-TA; ORDER NO. PSC-06-0953A-PAA-TX

Florida Public Service Commission

2006 Fla. PUC LEXIS 563

06 FPSC 11:9

November 20, 2006, Issued

OPINION: [*1]

AMENDATORY ORDER

BY THE COMMISSION:

On November 15, 2006, we issued Order No. PSC-06-0953-PAA-TA. The purpose of the Order was to provide an Alternative Access Vendor Certificate. However, due to a scrivener's error, a company code rather than a certificate number was used. Therefore, Order No. PSC-06-0953-PAA-TA is amended to reflect that 8655 is the correct certificate number.

Based on the foregoing, it is

ORDERED by the Florida Public Service Commission that Order No. PSC-06-0953-PAA-TA is hereby amended to reflect that 8655 is the correct certificate number. It is further

ORDERED that Order No. PSC-06-0953-PAA-TA is reaffirmed in all other respects.

By ORDER of the Florida Public Service Commission this 20th day of November, 2006.

Legal Topics:

For related research and practice materials, see the following legal topics:

Energy & Utilities LawAdministrative ProceedingsPublic Utility CommissionsGeneral Overview



1 of 2 DOCUMENTS

In re: Application for certificate to provide alternative access vendor service by Mobilitie, LLC

DOCKET NO. 060626-TA; ORDER NO. PSC-06-0953-PAA-TA

Florida Public Service Commission

2006 Fla. PUC LEXIS 595

06 FPSC 11:125

November 15, 2006, Issued

PANEL: [*1] The following Commissioners participated in the disposition of this matter: LISA POLAK EDGAR, Chairman; J. TERRY DEASON; ISILIO ARRIAGA; MATTHEW M. CARTER II; KATRINA J. TEW

OPINION: NOTICE OF PROPOSED AGENCY ACTION ORDER GRANTING CERTIFICATE TO PROVIDE ALTERNATIVE ACCESS VENDOR SERVICES

BY THE COMMISSION:

NOTICE is hereby given by the Florida Public Service Commission that the action discussed herein is preliminary in nature and will become final unless a person whose interests are substantially affected files a petition for a formal proceeding, pursuant to Rule 25-22.029, *Florida Administrative Code*.

Mobilitie, LLC (Mobilitie) has applied for a certificate to provide Alternative Access Vendor (AAV) services pursuant to *Section 364.337, Florida Statutes*. Upon review of its application, it appears that Mobilitie has sufficient technical, financial, and managerial capability to provide such service. Accordingly, we hereby grant Certificate No. TA079 to Mobilitie.

If this Order becomes final and effective, it shall serve as Mobilitie's certificate. Mobilitie should, therefore, retain this Order as proof [*2] of certification. We are vested with jurisdiction over this matter pursuant to *Sections 364.335 and 364.337, Florida Statutes*.

AAV providers are subject to Chapter 25-24, *Florida Administrative Code*, Part XIV, Rules Governing Alternative Access Vendor services. AAV providers are also required to comply with all applicable provisions of Chapter 364, *Florida Statutes*.

In addition, under *Section 364.336, Florida Statutes*, certificate holders must pay a minimum annual Regulatory Assessment Fee (RAFs) of \$ 50 if the certificate was active during any portion of the calendar year. A RAFs Return notice will be mailed each December to Mobilitie for payment by January 30th. Neither the cancellation of the certificate nor the failure to receive a RAFs Return notice shall relieve Mobilitie from its obligation to pay RAFs.

Based on the foregoing, it

ORDERED by the Florida Public Service Commission that we hereby grant Certificate No. TA079 to Mobilitie, LLC, which shall authorize it to provide Alternative Access Vendor services, subject to the terms and conditions specified in [*3] the body of this Order. It is further

ORDERED that this Order shall serve as Mobilitie, LLC's certificate and should be retained by Mobilitie, LLC as proof of certification. It is further

ORDERED that the provisions of this Order, issued as proposed agency action, shall become final and effective upon the issuance of a Consummating Order unless an appropriate petition, in the form provided by Rule 28-106.201, *Florida Administrative Code*, is received by the Director, Division of the Commission Clerk and Administrative Services, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, by the close of business on the date set forth in the "Notice of Further Proceedings" attached hereto. It is further

ORDERED that in the event this Order becomes final, this docket shall be closed.

By ORDER of the Florida Public Service Commission this 15th day of November, 2006.

ORDER 06-0954 IS AVAILABLE UPON REQUEST

Legal Topics:

For related research and practice materials, see the following legal topics:

Energy & Utilities LawAdministrative ProceedingsPublic Utility CommissionsGeneral Overview

The City of Coral Gables
PUBLIC WORKS
PERMIT APPLICATION

SITE ID: MI90XS167 / 9FLB000630

DATE: 2/4/2016

PUBLIC WORKS PERMIT #:

ALL OF THE FOLLOWING MUST BE FILLED IN BY APPLICANT ACCORDING TO FS 713.135

Building Permit #

Building Bond # 1041559

Application #

Control #

Square Footage:

Estimated Cost \$ 15,000.00

Type of Permit:

☒ Waterway Const.

☐ Paving

☐ Side Walk

☐ Other

☒ Utility

☐ Encroachment

☐ Obstruction of Right of Way

CONTRACTOR'S LICENSE NUMBER: CGC1505328

CONTRACTOR'S BUSINESS NAME: Regency Communications INC.

Phone Number: (954) 868-4657

Address: 4332 NW 120th Avenue

City: Coral Springs

State: FL

Zip Code: 33065

ARCHITECT/ENGINEER'S NAME: Patrick W. Marshall; P. Marshall & Associates, LLC Phone Number: (678) 280-2325

Address: 1000 Holcomb Woods PKWY STE. 210 City: Roswell

State: GA

Zip Code: 30076

SITE ADDRESS: Majorca Ave/Ponce De Leon Blvd., Coral Gables FL 33134 Folio #

LEGAL DESCRIPTIONS: Lots

Block

Section

OWNER'S NAME: Florida Utility Pole Authority c/o Cheri Thompson

Phone Number: (954) 464-6572

Address: 3475 Piedmont Rd NE, Suite 1000 City: Atlanta

State: GA

Zip Code: 30305

WORK DESCRIPTION:

To install a 75 ft utility pole within an existing right-of-way.

The undersigned affirms that the applicant is familiar with and agrees to conform to the standard specification of the City of Coral Gables and all regulations of the Department of Public Works concerning work to be performed in the public right-of-way.

OWNER'S AFFIDAVIT: I certify that all foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and zoning.

Cheri Thompson

Print Name: OWNER

Signature: OWNER

The foregoing instrument was acknowledged before me this

4th day of February by Cheri Thompson

who has taken an oath and:

☐ is personally known to me.

☒ has produced a Driver's License as identification

NOTARY PUBLIC

My Commission Expires: October 17, 2018

Print Name: NAME/QUALIFIER

Signature: NAME QUALIFIER

The foregoing instrument was acknowledged before me this

10 day of Feb by John J. Pequignot

who has taken an oath and:

☒ is personally known to me.

☐ has produced a as identification

NOTARY

My Commission Expires:



"OFFICIAL SEAL"
ERNESTO CRUZ

Notary Public, State of Illinois
My Commission Expires Oct. 17, 2018

SITE ID: 9FLB000630/MI90XS167
MAJORCA AVE / PONCE DE LEON BLVD
CORAL GABLES, FL 33134

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT CHANGES TO THE EXISTING ENVIRONMENT. SANITARY SEWER SERVICE, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

SITE INFORMATION

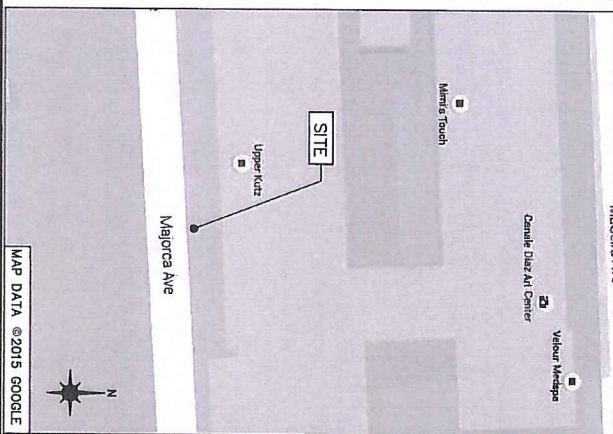
PROPERTY OWNER: PUBLIC RIGHT-OF-WAY
ADDRESS/CROSS ST: MAJORCA AVE/PONCE DE LEON BLVD
APPLICANT: FLORIDA UTILITY POLE AUTHORITY
APPLICANT ADDRESS: 120 S. RIVERSIDE PLAZA
SUITE 1800
CHICAGO, IL 60606
PHONE: (312) 638-5400
DBA ID: 9FLB000630
SITE ID: MI90XS167
LATITUDE: 25.755272
LONGITUDE: -80.257351
LAT/LONG TYPE: NAD 83/NAVD 88
GROUND ELEVATION: ± 8.1' ANSL
COUNTY: MIAMI-DADE COUNTY
JURISDICTION: FLORIDA DEPARTMENT OF TRANSPORTATION

BEFORE SCALING DRAWINGS

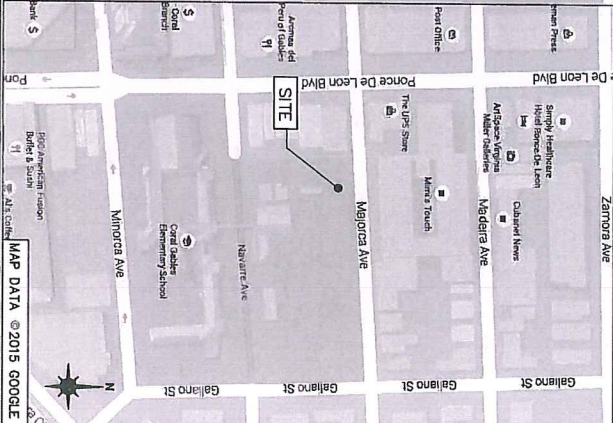
CONTRACTORS SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & FIELD CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

LOCATION MAPS

VICINITY MAP



REGIONAL MAP



PROJECT DESCRIPTION

END USER PROPOSES TO INSTALL A PROPOSED WOOD UTILITY POLE WITH PROPOSED SMALL CELL EQUIPMENT WITHIN AN EXISTING RIGHT-OF-WAY.

CODES

2015 INTERNATIONAL BUILDING CODE
2014 NATIONAL ELECTRICAL CODE

DRAWING INDEX

SHEET NO.	TITLE	SHEET TITLE
0.0	TITLE SHEET	
1.0	SITE PLAN & EXHIBIT PHOTO	
2.0	POLE ELEVATION	
2.1	POLE ELEVATION	
2.2	POLE ELEVATION	
3.0	ANTENNA & EQUIPMENT MOUNTING DETAILS	
3.1	ANTENNA & EQUIPMENT MOUNTING DETAILS	
4.0	ELECTRICAL DETAILS	
5.0	GROUNDING DETAILS	
GN-1	GENERAL NOTES	
GN-2	GENERAL NOTES	
TO-1	TRAFFIC CONTROL PLAN	
EC-1	EROSION CONTROL PLAN	
EC-2	EROSION CONTROL DETAILS	

P. MARSHALL & ASSOCIATES, LLC
1000 HOLCOMB WOODS PKWY STE. 210
ROSWELL, GA 30076
TEL: (678) 280-3325 FAX: (678) 280-3329

FLORIDA UTILITY
POLE AUTHORITY

PROJECT NO. TTS0228
DRAWN BY A.R.
CHECKED BY PWA

PERSON DATE DESCRIPTION
A 10/26/15 FOR CLIENT REVIEW
B 02/17/16 FOR CLIENT REVIEW

ISSUED
FOR
REVIEW
ONLY

IT IS A VIOLATION OF THE LAW FOR ANY
PERSON TO REPRODUCE OR TRANSMIT THIS
DRAWING, TO ALTER THIS DOCUMENT
OR TO REUSE ANY PART OF THIS DOCUMENT

SITE ID: 9FLB000630/MI90XS167
MAJORCA AVE/
PONCE DE LEON BLVD
CORAL GABLES, FL 33134
WOOD POLE

SHEET TITLE
TITLE SHEET

SHEET NUMBER
0.0

NOTE:
THIS SITE PLAN WAS GENERATED WITHOUT THE USE OF
THE CITY OF MIAMI GIS MAP. APPROXIMATE RIGHT OF WAY LINES,
PROPERTY LINES, RIGHT OF WAY LINES, POWER
POLES, AND EASEMENTS SHOWN ON THESE PLANS ARE
ESTIMATED. ALL ITEMS AND DIMENSIONS SHOULD BE
VERIFIED IN THE FIELD.

NOTE:
ALL DISTURBED AREAS OF THE RIGHT OF WAY ARE TO
BE REPAIRED AND SODDED

FLORIDA UTILITY
POLE AUTHORITY

POLE LOCATION



EXHIBIT PHOTO

SCALE: NOT TO SCALE

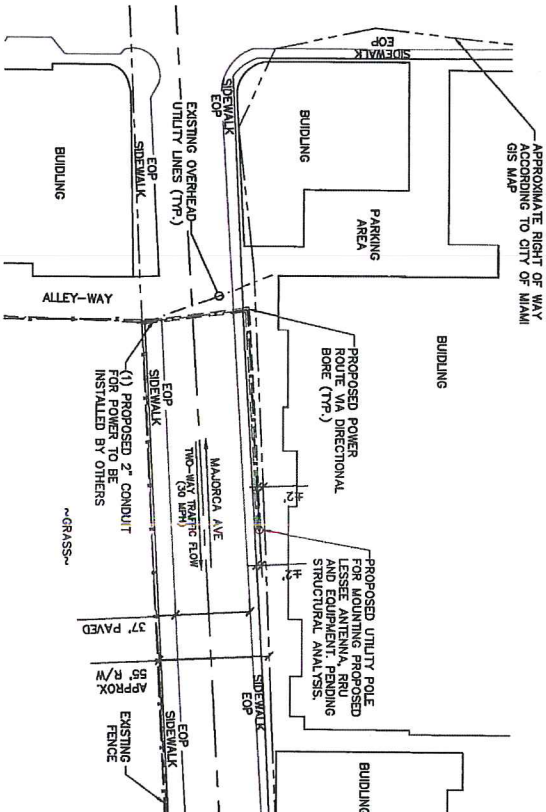
1



AERIAL SITE LOCATION

SCALE: NOT TO SCALE

2



ENLARGED SITE PLAN

SCALE: 1" = 60'-0" (1" = 30'-0" ON 22"x34" SHEET)

3

ISSUED
FOR
REVIEW
ONLY

IT IS A VIOLATION OF THE LAW FOR ANY
PERSON TO REPRODUCE OR TRANSMIT THE
CONTENTS OF A LICENSED PROFESSIONAL
ENGINEER'S SEAL OR SIGNATURE WITHOUT
THEIR WRITTEN CONSENT.

SITE ID: 9FLB00630MIS0X5167
MAJORCA AVE/
POLICE DE LEON BLVD
CORAL GABLES, FL 33134
WOOD POLE

SHEET TITLE
SITE PLAN & EXHIBIT PHOTO

SHEET NUMBER
1.0

1/ OF PROPOSED ANTENNA
±78'-0"

1/ OF PROPOSED WOOD POLE
±75'-0"

PROPOSED OMNI ANTENNA
TO BE INSTALLED ON PROPOSED
WOOD POLE

DATA HAS NOT PERFORMED A STRUCTURAL
EVALUATION FOR THIS PROJECT.

FLORIDA UTILITY
POLE AUTHORITY

PROJECT NO. TTS0208
DRAWN BY A/R
CHECKED BY P/M

DATE 10/24/16
BY 02/01/16
TIN CHIEF REVIEW

ISSUED FOR REVIEW ONLY	10/24/16	02/01/16	TIN CHIEF REVIEW
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IF A VENDOR OF THE LOW BIDDER
PERSON, UNDER THE A/E, LOW BIDDER
PROPOSED TO BE USED, THE LOW BIDDER
SHOULD PROVIDE THE FOLLOWING INFORMATION:

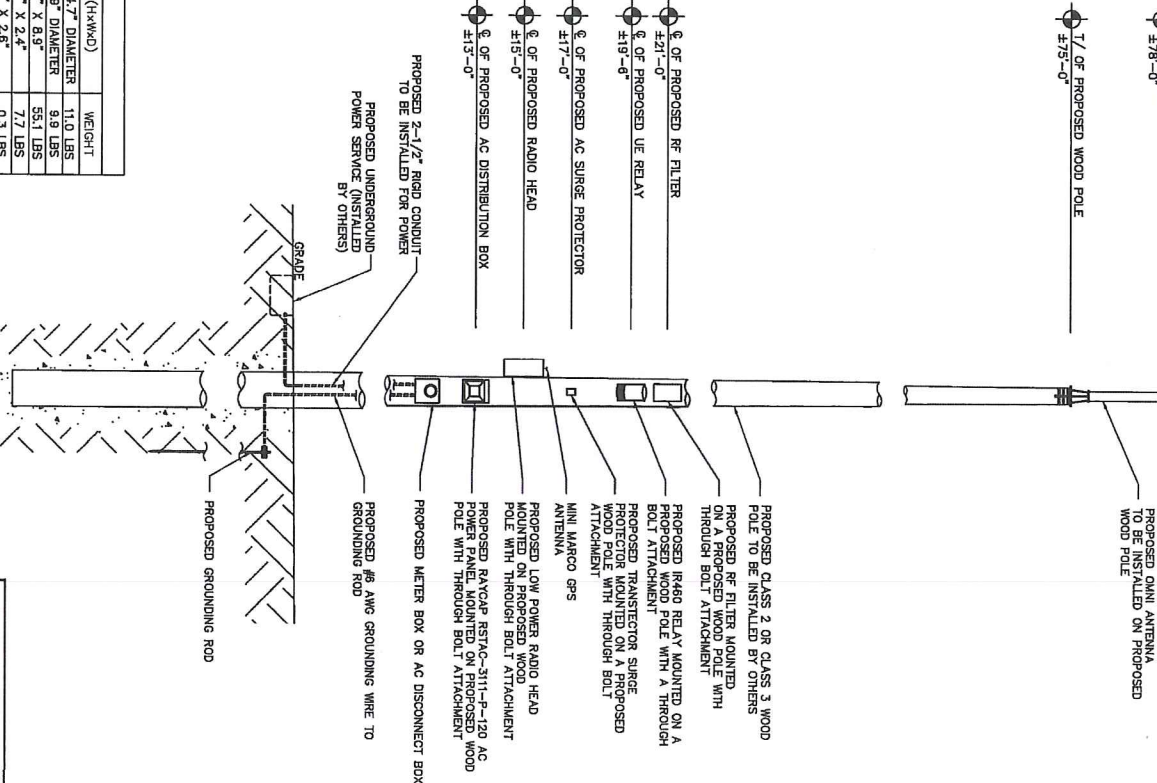
SITE ID: 9FLE000630/MI90X5167
MAJORCA AVE/
PONCE DE LEON BLVD
CORAL GABLES, FL 33134
WOOD POLE

SHEET TITLE
POLE ELEVATION

SHEET NUMBER
2.0

FRONT POLE ELEVATION
SCALE: 1" = 5'

QUANTITY	DESCRIPTION	DIMENSIONS (HxWxD)	WEIGHT
1	OMNI ANTENNA	35.4" X 4.7" X 4.7" DIAMETER	11.0 LBS
1	IR460 U/E RELAY	13.0" X 7.9" X 7.9" DIAMETER	9.9 LBS
1	LOW POWER RADIO HEAD	20.1" X 8.1" X 8.9"	55.1 LBS
1	RF FILTER	13.6" X 8.1" X 2.4"	7.7 LBS
1	GPS ANTENNA	0.6" X 2.6" X 2.6"	0.3 LBS
1	RAYCAP RSTAC-311-P-120 AC POWER PANEL	13.1" X 11.4" X 4.4"	TBD
1	SURGE PROTECTOR	2.5" X 4.5" X 6.7"	N/A
1	METER BOX / AC DISCONNECT BOX	TBD	TBD

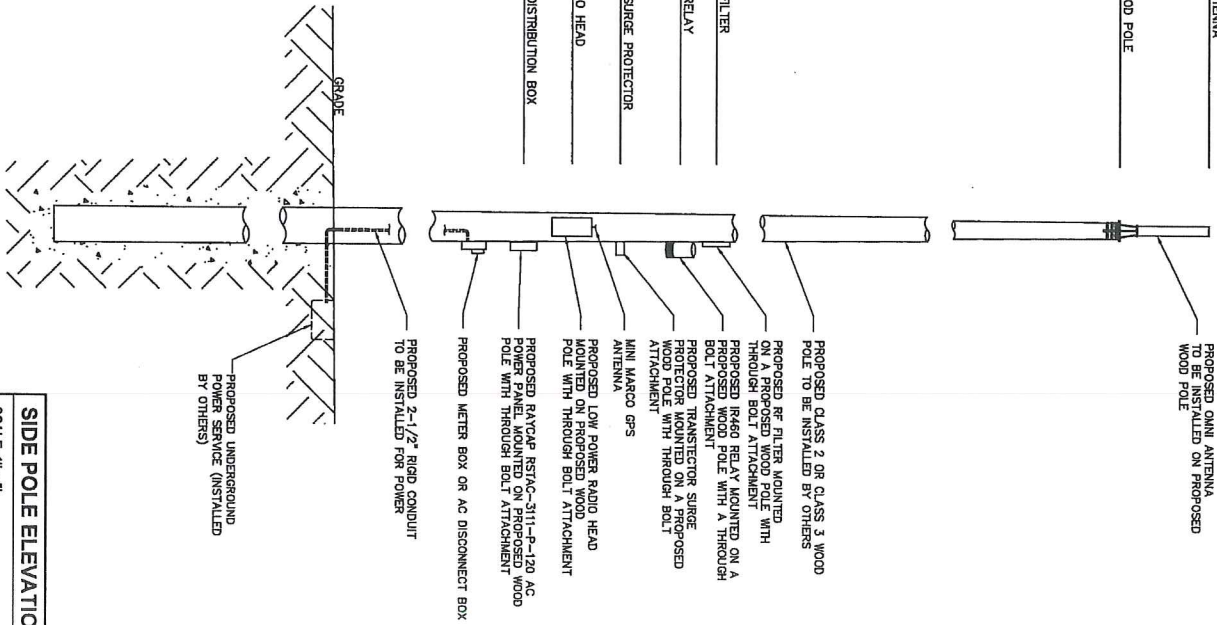


1/ OF PROPOSED ANTENNA
±78'-0"

1/ OF PROPOSED WOOD POLE
±75'-0"

±21'-0" 1/ OF PROPOSED RF FILTER
±19'-6" 1/ OF PROPOSED U/I RELAY
±17'-0" 1/ OF PROPOSED AC SURGE PROTECTOR
±15'-0" 1/ OF PROPOSED RADIO HEAD
±13'-0" 1/ OF PROPOSED AC DISTRIBUTION BOX

QUANTITY	DESCRIPTION	DIMENSIONS (LxWxH)	WEIGHT
1	OMNI ANTENNA	35.4" X 4.7" X 4.7" DIAMETER	11.0 LBS
1	IR460 U/I RELAY	13.0" X 7.9" 7.9" DIAMETER	9.9 LBS
1	LOW POWER RADIO HEAD	20.1" X 9.1" X 8.9"	55.1 LBS
1	RF FILTER	13.6" X 8.1" X 2.4"	7.7 LBS
1	GPS ANTENNA	0.8" X 2.8" X 2.8"	0.3 LBS
1	RAYCAP RSTAC-3111-P-120 AC POWER PANEL	13.1" X 11.4" X 4.4"	TBD
1	SURGE PROTECTOR	2.5" X 4.5" X 6.7"	N/A
1	METER BOX / AC DISCONNECT BOX	TBD	TBD



PI&A HAS NOT PERFORMED A STRUCTURAL EVALUATION FOR THIS PROJECT.

SIDE POLE ELEVATION
SCALE: 1" = 5'

1

FLORIDA UTILITY
POLE AUTHORITY

PROJECT NO. TTS0208
DRAWN BY A/R
CHECKED BY P/M

ISSUE	DATE	DESCRIPTION
1	10/15	FOR CDS REVIEW
2	02/16	FOR CDS REVIEW

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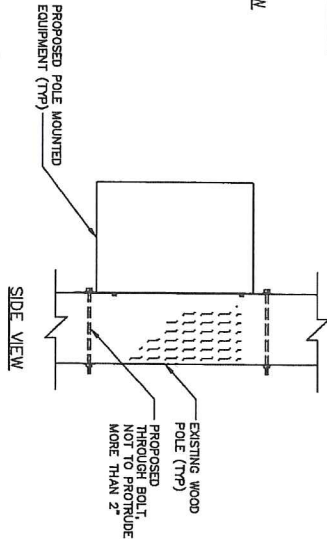
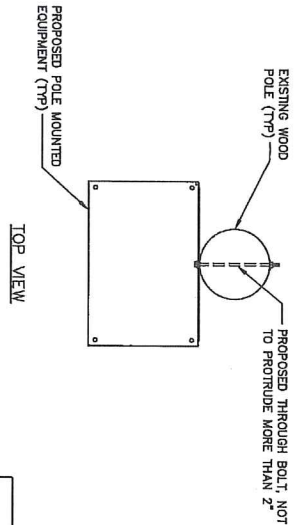
SITE ID: 9FLB00630/M190XS167
MALORCA AVE/
PONCE DE LEON BLVD
CORAL GABLES, FL 33134

SHEET TITLE
POLE ELEVATION

SHEET NUMBER
2.1



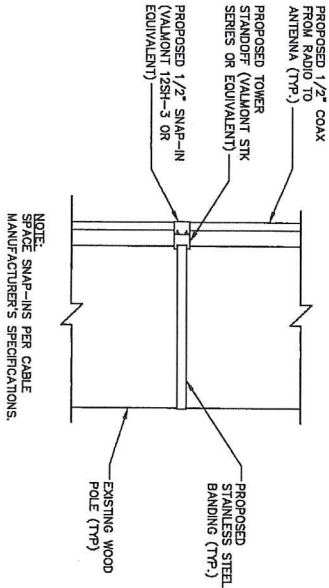
ح



EQUIPMENT THROUGH BOLT CONNECTION

SCALE: NOT TO SCALE

1

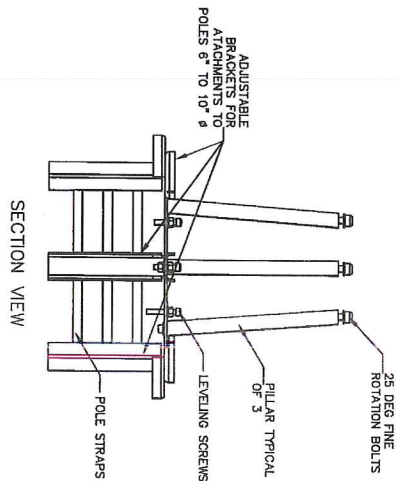


NOTE:
SPACE SNAP-INS PER CABLE
MANUFACTURER'S SPECIFICATIONS.

COAX CABLE MOUNTING DETAIL

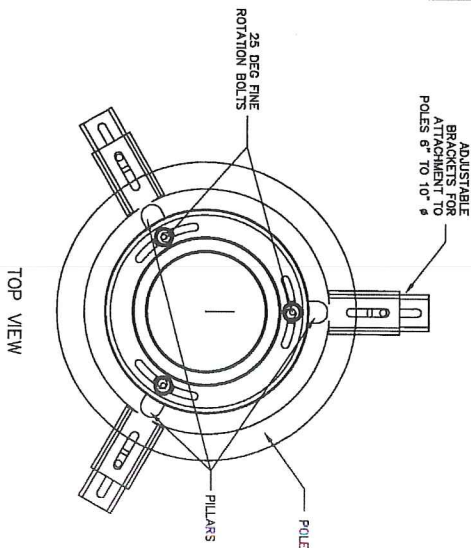
SCALE: NOT TO SCALE

2



SECTION VIEW

- NOTES:
1. MOUNTING BRACKET ACCOMMODATES POLE SIZES FROM 6" TO 10" DIAMETER.
 2. MOUNTING BRACKET MAY BE USED FOR WOOD & METAL POLES.
 3. "A&E COMPANY NAME" HAS NOT BEEN OBTAINED. STRUCTURAL EVALUATION FOR THE MANUFACTURER'S USE TO THE MANUFACTURER FOR ADDITIONAL INFORMATION.



TOP VIEW

ANTENNA MOUNTING DETAIL

SCALE: NOT TO SCALE

3

**FLORIDA UTILITY
POLE AUTHORITY**

PROJECT NO. TTS0208
DRAWN BY AAR
CHECKED BY PFM

REVISION	DATE	DESCRIPTION
A	12/18/15	FOR Q&A REVIEW
B	02/10/16	FOR Q&A REVIEW
C		
D		
E		
F		
G		
H		
I		
J		
K		
L		
M		
N		
O		
P		
Q		
R		
S		
T		
U		
V		
W		
X		
Y		
Z		

**ISSUED
FOR
REVIEW
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THE MANUFACTURER FOR ADDITIONAL
INFORMATION.

SITE ID: 9FLB000630/000X5167
MALORCA AVE/
PONCE DE LEON BLVD
CORAL GABLES, FL 33134
WOOD POLE

SHEET TITLE
**ANTENNA & EQUIPMENT
MOUNTING DETAILS**

SHEET NUMBER
3.0

FLORIDA UTILITY POLE AUTHORITY

PROJECT NO. TTS0208
DRAWN BY AJS
CHECKED BY PMW

REVISION	DATE	DESCRIPTION
A	10/26/15	FOR Q&A REVIEW
B	10/26/15	FOR Q&A REVIEW
C	10/26/15	FOR Q&A REVIEW
D	10/26/15	FOR Q&A REVIEW
E	10/26/15	FOR Q&A REVIEW
F	10/26/15	FOR Q&A REVIEW
G	10/26/15	FOR Q&A REVIEW
H	10/26/15	FOR Q&A REVIEW
I	10/26/15	FOR Q&A REVIEW
J	10/26/15	FOR Q&A REVIEW
K	10/26/15	FOR Q&A REVIEW
L	10/26/15	FOR Q&A REVIEW
M	10/26/15	FOR Q&A REVIEW
N	10/26/15	FOR Q&A REVIEW
O	10/26/15	FOR Q&A REVIEW
P	10/26/15	FOR Q&A REVIEW
Q	10/26/15	FOR Q&A REVIEW
R	10/26/15	FOR Q&A REVIEW
S	10/26/15	FOR Q&A REVIEW
T	10/26/15	FOR Q&A REVIEW
U	10/26/15	FOR Q&A REVIEW
V	10/26/15	FOR Q&A REVIEW
W	10/26/15	FOR Q&A REVIEW
X	10/26/15	FOR Q&A REVIEW
Y	10/26/15	FOR Q&A REVIEW
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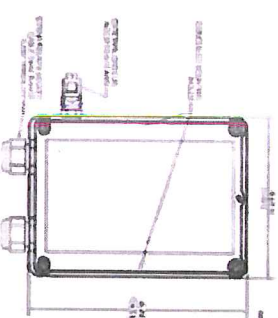
ISSUED
FOR
REVIEW
ONLY

IT IS A VIOLATION OF THE LAW FOR ANY
PERSON TO REPRODUCE OR TRANSMIT THE
CONTENTS OF A LICENSED PROFESSIONAL
ENGINEER, TO ANY OTHER PERSON OR
FIRM, WITHOUT THE WRITTEN
CONSENT OF THE ENGINEER.

SITE ID: 9FLB000630/0180X5167
MAJORCA AVE/
PONCE DE LEON BLVD
CORAL GABLES, FL 33134
WOOD POLE

SHEET TITLE
ANTENNA & EQUIPMENT
MOUNTING DETAILS

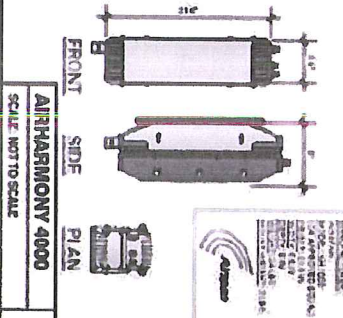
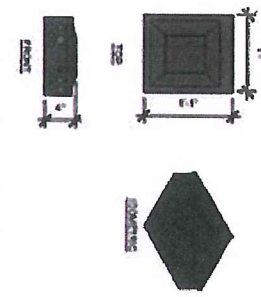
SHEET NUMBER
3.1



SURGE PROTECTOR
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NOT USED
SCALE: NOT TO SCALE

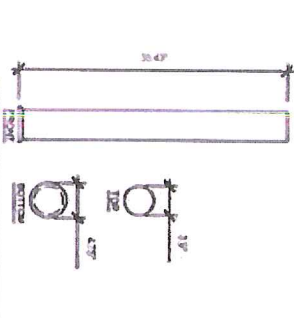
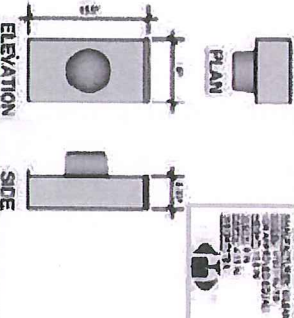
RAYCAP POWER BOX
SCALE: NOT TO SCALE



AIRHARMONY 4000
SCALE: NOT TO SCALE

NOT USED
SCALE: NOT TO SCALE

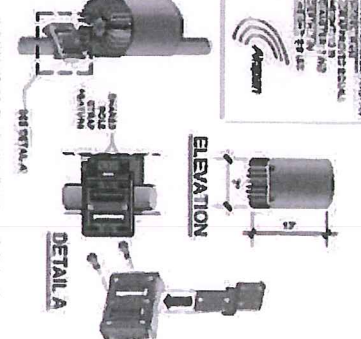
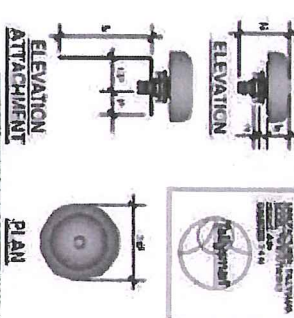
METER SOCKET
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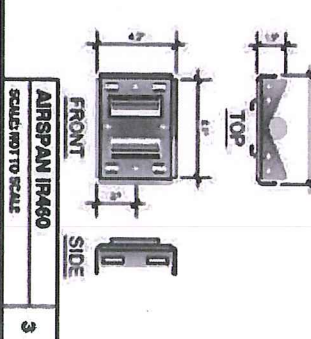
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NOT USED
SCALE: NOT TO SCALE

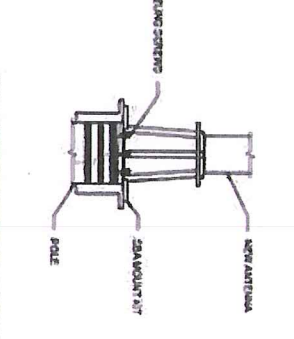
GPS ANTENNA ATTACHMENT
SCALE: NOT TO SCALE



RELAY 460 MOUNTING BRACKET
SCALE: NOT TO SCALE



AIRSPAN IP460
SCALE: NOT TO SCALE



89A MOUNTING KIT
SCALE: NOT TO SCALE

UTILITY NOTES:

- WORK INCLUDES: ACCOMPANYING DRAWINGS COMPLIANT. THE PROVISIONS AND INSTALLATIONS BY THE ELECTRICAL CONTRACTOR, OF ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO INSTALL THE ELECTRICAL WORK COMPLETE IN CONNECTION WITH THIS CELLULAR SITE AND SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
1. THE PROVISIONS, INSTALLATION AND CONNECTION OF A GROUNDING ELECTRODE SYSTEM WITH THE SERVICE GROUNDING, AND CONNECTIONS TO THE INCOMING ELECTRICAL DISTRIBUTION EQUIPMENT.
 2. THE PROVISION AND INSTALLATION OF AN OVERHEAD ELECTRICAL SERVICE OR UNDERGROUND ELECTRICAL SERVICE AND ALL ASSOCIATED WIRE AND CONDUIT AS REQUIRED AND/OR INDICATED ON PLANS.
 3. THE PROVISION AND INSTALLATION OF CONDUIT AND CONNECTIONS FOR LOCAL FIBER OPTIC CABLES.
 4. THE FURNISHING AND INSTALLATION OF THE ELECTRICAL SERVICE ENTRANCE CONDUIT, CONDUITS, METER SOCKET, AND CONNECTIONS TO THE SERVICE EQUIPMENT.
 5. ALL EQUIPMENT SHOULD BE LET WITH NYLON PULL CORD FOR FUTURE USE.
 6. CONDUIT BUSHING, AND BACKFILLING FOR CONDUITS, CABLES) AND EXTERNAL GROUNDING SYSTEM.

- CODES, PERMITS AND FEES:**
1. ALL REQUIRED PERMITS, LICENSES, INSPECTIONS AND APPROVALS SHALL BE SECURED AND ALL FEES FOR SAME PAID BY CONTRACTOR.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LOCAL, STATE, AND FEDERAL PERMITS AND FEES FOR THE DESIGN, PERFORMANCE CHARACTERISTICS AND METHODS OF CONSTRUCTION OF ALL ITEMS AND EQUIPMENT SHALL BE IN ACCORDANCE WITH THE LATEST ISSUE OF THE VARIOUS APPLICABLE STANDARD SPECIFICATIONS OF THE FOLLOWING AUTHORITIES:
- N.E.C. NATIONAL ELECTRICAL CODE
N.A.S.P.A. NATIONAL FIRE PROTECTION ASSOCIATION
N.E.E.E. NATIONAL ELECTRICAL STANDARDS INSTITUTE
A.S.T.M. AMERICAN SOCIETY FOR TESTING MATERIALS
N.E.M.A. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
N.F.P.A. NATIONAL FIRE PROTECTION ASSOCIATION

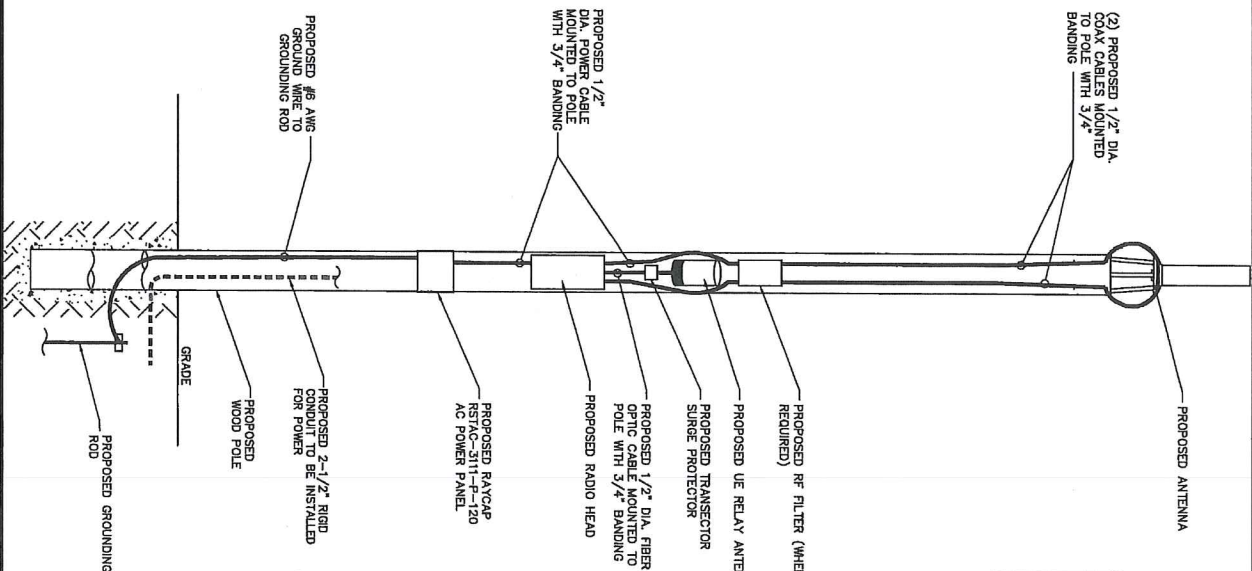
- RACEWAYS AND WIRING:**
1. WIRING OF EVERY KIND MUST BE INSTALLED IN CONDUIT, UNLESS NOTED OTHERWISE, OR AS APPROVED BY THE ARCHITECT/ENGINEER.
 2. UNLESS OTHERWISE SPECIFIED, ALL WIRING SHALL BE COPPER (CU) TYPE THHN, SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES. NATIONAL ELECTRICAL CODE AND LOCAL CODES UNLESS OTHERWISE NOTED. ALL RACEWAYS SHALL BE APPROVED FOR THE INSTALLATION.
 3. PULL OR JUNCTION BOXES SHALL BE PROVIDED AS REQUIRED TO FACILITATE INSTALLATION OF RACEWAYS AND WIRING. PROVIDE JUNCTION AND PULLBOXES FOR CONDUIT RUNS WITH MORE THAN (300) DEGREES OF BENDS.
 4. CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 300 OF THE NATIONAL ELECTRICAL CODE AND LOCAL CODES.
 5. EFFECTIVELY GROUNDED IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE AND LOCAL CODES.
 6. ALL STEEL CONDUIT SHALL BE BONDED AT BOTH ENDS WITH GROUNDING BUSHING.

GENERAL NOTES:

SEE DETAILS, SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND INFORMATION. CHECK ARCHITECTURAL, STRUCTURAL, AND OTHER MECHANICAL, AND ELECTRICAL DRAWINGS FOR SCALE, SPACE LIMITATIONS, COORDINATION, AND ADDITIONAL INFORMATION, ETC. REPORT ANY DISCREPANCIES, CONFLICTS, ETC. TO ARCHITECT/ENGINEER BEFORE SUBMITTING BID. ALL EQUIPMENT FURNISHED BY OTHERS (FBO) SHALL BE PROVIDED WITH PROPER GROUNDING, DISCONNECTS, CONDUITS, AND WIRING. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE AVAILABILITY OF ALL ASSOCIATED EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S WIRE DIAGRAM AND AS REQUIRED FOR A COMPLETE OPERATING INSTALLATION. ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF (FBO) EQUIPMENT PRIOR TO ROUGH-IN OF CONDUIT AND WIRING TO AVOID CONFLICTS.

COORDINATION WITH UTILITY COMPANY:

THE ELECTRICAL CONTRACTOR SHALL COORDINATE COMPLETE ELECTRICAL SERVICE WITH LOCAL UTILITY COMPANY FOR A COMPLETE OPERATIONS SYSTEM, INCLUDING TRANSFORMER CONNECTIONS, CONCRETE TRANSFORMER PADS, IF REQUIRED, METER SOCKETS, PRIMARY COABLE RACEWAYS, REQUIREMENTS, SECONDARY SERVICE, ETC. PRIOR TO SUBMITTING BID TO THE BID ANY OPTIONAL, OR EXCESS FACILITY CHARGES ASSOCIATED WITH PROVIDING ELECTRICAL SERVICE FROM LOCAL UTILITY COMPANY. VERIFY BEFORE BIDDING TO INCLUDE ALL COSTS. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE AVAILABLE FAULT CURRENT WITH THE LOCAL UTILITY COMPANY PRIOR TO SUBMITTING BID. ADJUST A.I.C. RATINGS OF ALL EQUIPMENT IN ACCORDANCE WITH THE AVAILABLE FAULT CURRENT. THE CONTRACTOR SHALL COORDINATE WITH AVAILABLE FAULT CURRENT FROM LOCAL UTILITY COMPANY.

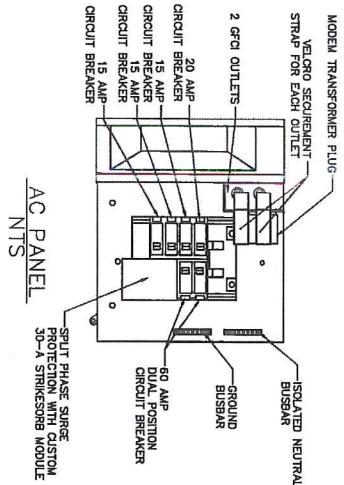


Typical Cabling Chart *

DESCRIPTION	SIZE/QUANTITY
AC CABLE	12AWG, LENGTH VARIES BY SITE
FIBER CABLE	LENGTH VARIES BY SITE, 8 LENGTHS AVAILABLE: 10,15,30,50,75,100,150,200m
GROUNDING CABLE, STANDARD #6AWG	LENGTH VARIES BY SITE
GROUNDING LUG W/ #6x12 MOUNTING SCREWS AND WASHERS	SIZED FOR 6AWG CABLE
CAT5e/CAT6 ETHERNET	SHIELDED & ARMORED WHERE REQUIRED OUTSIDE OF CONDUITS
RADIS CONNECTORS	STD. CAT5e/CAT6
COAX CABLES - RADIOS TO FILTER AND ANTENNAS	LENGTH VARIES BY SITE, JUMPEES & COAX SHALL BE AMPHENOL 1/2 HELIX, CONNECTORS SHALL BE AMPHENOL

* MATERIALS, SIZES & QUANTITIES WILL VARY DEPENDING ON EQUIPMENT MOUNTING HEIGHTS AND BACKHAUL TYPE.

NOTE:
CABLEING DIAGRAM IS FOR CLARITY OF CABLE ROUTE AND TERMINAL CABLES. CABLE ROUTE SHALL BE SHOWN WITH MINIMAL VISUAL IMPACT ON ELEVATION DRAWING FOR EQUIPMENT AND ANTENNA LOCATIONS.



CABLING DIAGRAM
SCALE: NOT TO SCALE

FLORIDA UTILITY
POLE AUTHORITY

PROJECT NO. TTS0208
DRAWN BY: AAR
CHECKED BY: PWW

DATE	DESCRIPTION
1/15/15	FOR CDR REVIEW
1/15/15	FOR CDR REVIEW

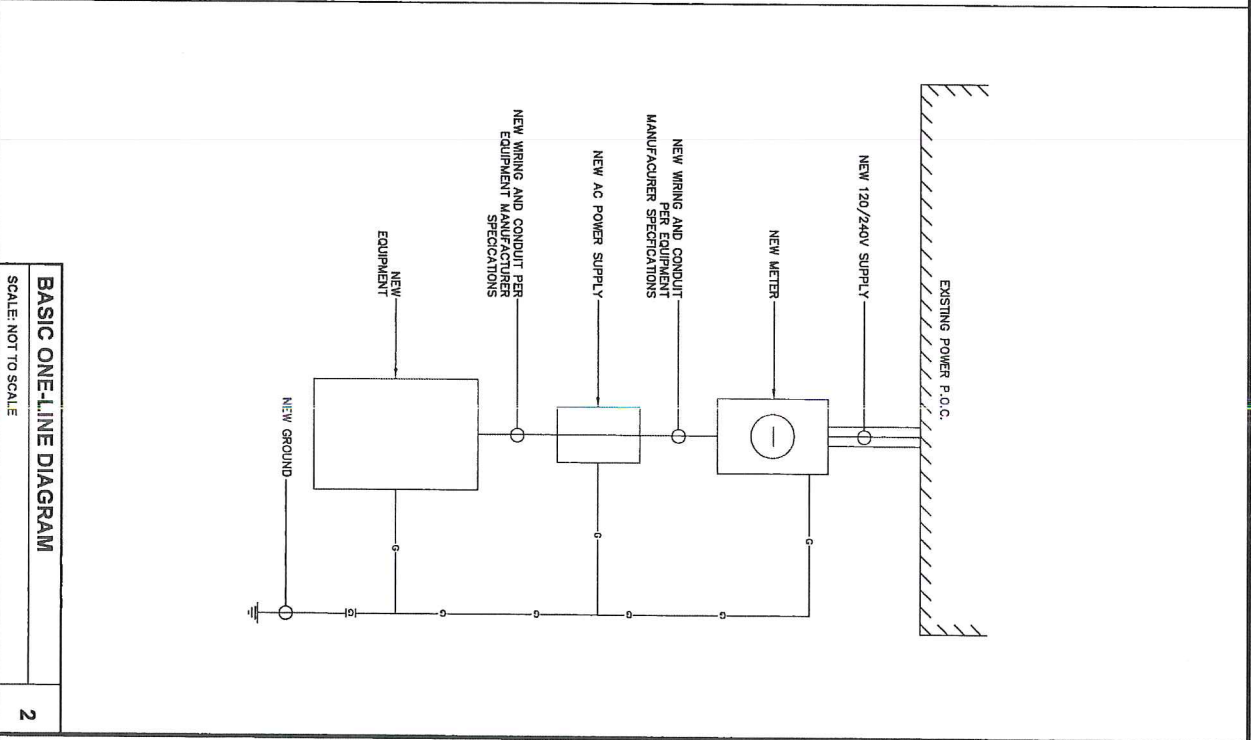
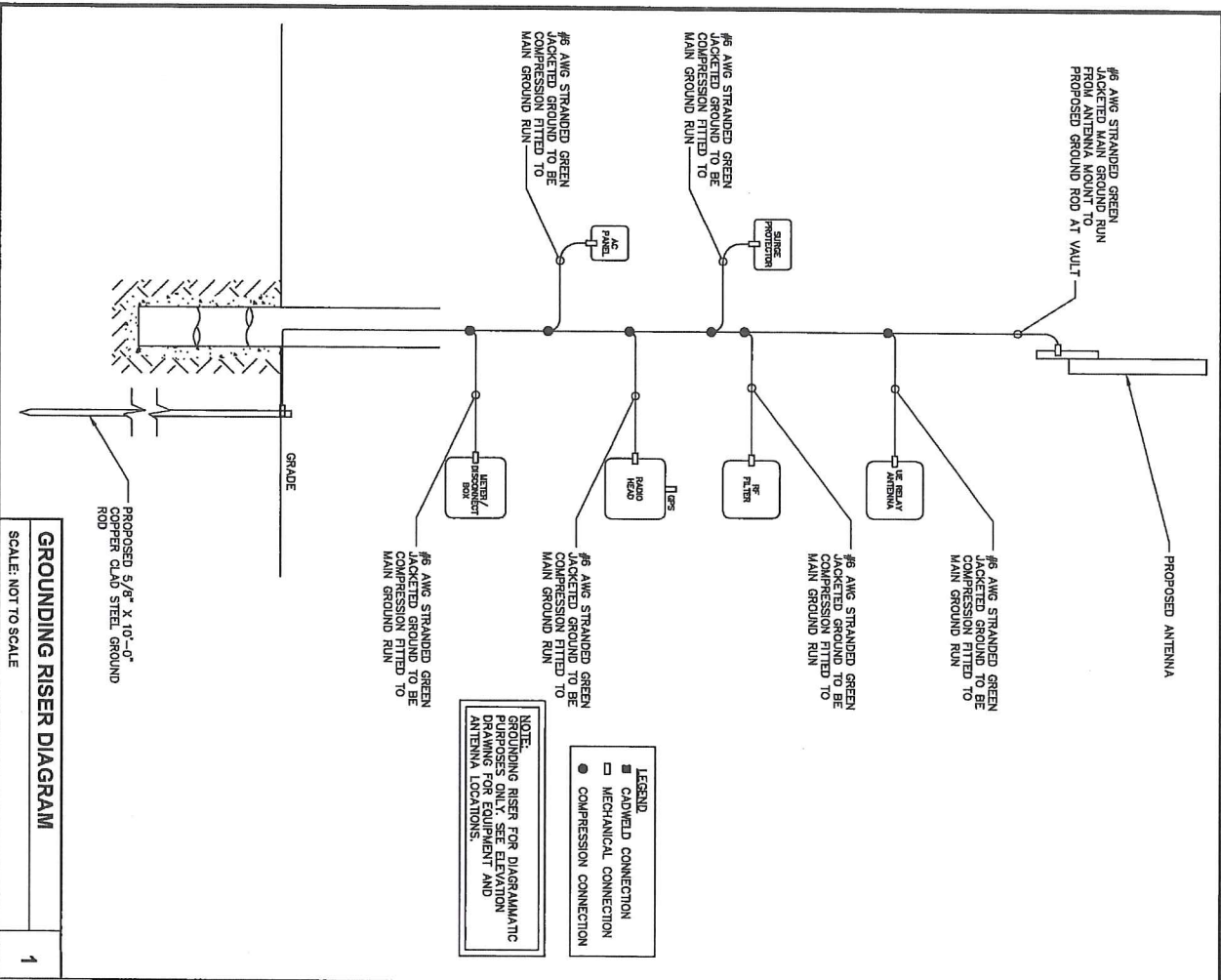
ISSUED
FOR
REVIEW
ONLY

IF A VIOLATION OF THE LAW OR ANY OTHER PROVISION OF A LICENSED PROFESSIONAL ENGINEER, IN ANY MANNER, IS DETECTED, THE ENGINEER SHALL BE SUBJECT TO THE FOLLOWING:

SITE ID: 9FL000630M190X5167
MAJORCA AVE/
PONCE DE LEON BLVD
CORAL GABLES, FL 33134
WOOD POLE

SHEET TITLE
ELECTRICAL DETAILS

SHEET NUMBER
4.0



**FLORIDA UTILITY
POLE AUTHORITY**

PROJECT NO. TTS0208
DRAWN BY AAR
CHECKED BY PWM

REVISION	DATE	DESCRIPTION
1	10.15.15	FOR Q&A REVIEW
2	02.01.16	FOR Q&A REVIEW

**ISSUED
FOR
REVIEW
ONLY**

IT IS A VIOLATION OF THE LAW FOR ANY
PERSON TO REPRODUCE OR TRANSMIT THE
CONTENTS OF A LICENSED PROFESSIONAL
DRAWING, TO ALTER THIS DOCUMENT

SITE ID: 9FLB006930MM00X5167
MALORCA AVE/
PONCE DE LEON BLVD
CORAL GABLES, FL 33134
WOOD POLE

SHEET TITLE
GROUNDING DETAILS

SHEET NUMBER
5.0

GENERAL REQUIREMENTS

PART 1 - GENERAL

PART 2 - FINAL CLEANING

- REMAINDER OF THE CONSTRUCTION PERIOD.

PART 1 – GENERAL

- ## SURFACES.

LISTING OF PROPOSED COSTS ON NURSERY LETTERHEAD

- ### 3. LANDSCAPING WARRANTY STATEMENT

D. LANDSCAPING, IF INCLUDED WITHIN THE SCOPE OF THE CONTRACT, WILL BE GUARANTEED FOR ONE YEAR FROM DATE OF FINAL INSPECTION.

- ### C. SOIL STAIN

1. INSPECTIONS: LOCAL BUILDING INSPECTORS SHALL BE NOTIFIED NO LESS THAN 48 HOURS IN ADVANCE OF CONCRETE POURS, UNLESS OTHERWISE SPECIFIED BY JURISDICTION

2. PREPARATION

- ### 3. INSTALLATION

THE LIMITS OF PROJECT AREA UNLESS AUTHORIZED BY PROJECT MANAGER AND AGREED TO BY LANDOWNER.

- A. PROTECT**

CHECKED BY	PWM
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WIT & TIT

EVERYBODY IS WITH THIS DOCUMENT!

PONCE DE LEON BLVD

QUESTIONS

10

ING

ELECTRICAL

- CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS PRIOR TO ORDERING THE ELECTRICAL EQUIPMENT AND STARTING THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDINGS TO THE ARCHITECT/ENGINEER LISTING ANY DISCREPANCIES OR CONFLICTING INFORMATION. CONTRACTOR SHALL VERIFY EXISTING ELECTRICAL PLANS AND MOUNTING HEIGHTS OR ELECTRICAL EQUIPMENT WITH OWNER PRIOR TO INSTALLATION.
- EACH CONDUCTOR OF EVERY SYSTEM SHALL BE PERMANENTLY TAGGED IN EACH LOCATION. TAGS SHALL BE IDENTICAL TO THE TYPE OF TAGGING METHOD USED. TAGS SHALL BE IN COMPLIANCE WITH OCCUPANCY SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.).
- ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND IN GOOD WORKING CONDITION WHEN INSTALLED AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT THE PROJECT. MATERIALS SHALL BE LISTED IN THE SPECIFICATIONS. MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA, NFPA AND "UL" LISTED.
- ALL CONDUIT SHALL HAVE A PULL CORO.
- PROVIDE PROJECT MANAGER WITH ONE SET OF COMPLETE ELECTRICAL "AS INSTALLED" DRAWINGS. THE COMPLETION OF THE JOB, SHOWING ACTUAL DIMENSIONS, FOOTINGS, AND CIRCUITS.
- ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING RATING OF 10,000 AMPERES AND SHALL BE GROUNDED AS REQUIRED BY IBC, NEC AND ALL APPLICABLE CODES.
- THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY IBC, NEC AND ALL APPLICABLE CODES.
- PATCH, REPAIR AND PAINT ANY AREA THAT HAS BEEN DAMAGED IN THE COURSE OF THE ELECTRICAL WORK. ALL SWITCHES, RECEPTACLES, THERMOSTATS AND BLANKED OUTLETS SHALL HAVE REMOVED LETTERING WHERE INDICATED ON THE DRAWINGS. RECEPTACLES SHALL HAVE SIERRA #WPD-8 LIFT COVERS/PLATES.

SERVICE AND DISTRIBUTION

- WIRE AND CABLE CONDUCTORS SHALL BE COPPER, 600V, TYPE THHN OR THWN, WITH A MIN. SIZE OF #12 AWG, COLOR CODED.
- METER SOCKET AMPERES, VOLTAGE, NUMBER OF PHASES SHALL BE NOTED ON THE DRAWINGS. MANUFACTURED BY MILBANK OR APPROVED EQUAL, AND SHALL BE UTILITY CONDUIT.
- RIGID CONDUIT SHALL BE U.L. LABEL, GALVANIZED ZINC COATED WITH GALVANIZED ZINC INTERIOR AND SHALL BE USED WHEN INSTALLED IN OR UNDER CONCRETE WALLS OR EXPOSED ON BUILDING EXTERIOR. RIGID CONDUIT IN CONTACT WITH EARTH SHALL BE 1/2 LAPPED WRAPPED WITH HANTS WARP PROCESS NO. 3.
- FLEXIBLE METALLIC CONDUIT SHALL HAVE U.L. LISTED LABEL AND MAY BE USED WHERE PERMITTED BY CODE. FITTINGS SHALL BE "JAKE" OR "SQUEEZE" TYPE. ALL FLEXIBLE CONDUITS SHALL HAVE FILL PATCH GROUND WIRE.
- CONTRACTOR TO NOTIFY 811 OR OTHER SUCH UTILITY LOCATING AGENCY 3 DAYS BEFORE DIGGING.
- CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR CONNECTION OF TEMPORARY AND PERMANENT SERVICE TO THE TEMPORARY POWER AND ALL HOOKUP COSTS ARE TO BE PAID BY THE CONTRACTOR.
- ALL ELECTRICAL EQUIPMENT SHALL BE LABELED WITH PERMANENT ENGRAVED PLASTIC LABELS WITH WHITE ON BLUE BACKGROUND LETTERING (MINIMUM LETTER HEIGHT SHALL BE ONE FOURTH INCH (1/4"). NAMEPLATES SHALL BE FASTENED WITH STAINLESS STEEL SCREWS AND NUTS.
- UPON COMPLETION OF WORK, CONTINUITY, SHORT CIRCUIT, AND FALL POTENTIAL GROUNDING TESTS BY AN INDEPENDENT TESTING SERVICE ENGAGED BY THE CONTRACTOR SHALL BE SUBMITTED FOR APPROVAL. SUBMIT TEST REPORTS TO PROJECT MANAGER. TEST PREPARED BY ALL PERSONS RESULTING FROM WORK AND LEAVE WORK IN A CLEAN AND UNIMPAIRED CONDITION.
- GROUNDING ELECTRODE SYSTEM
 - SURFACE PREPARATION: ALL CONNECTIONS SHALL BE MADE TO BARE METAL. SURFACE PREPARATION SHALL BE AS INSPECTED AND APPROVED BY THEM BEING GROUNDED. ALL CONNECTIONS ARE TO HAVE A NON-OXIDIZING AGENT APPLIED PRIOR TO INSTALLATION.
 - IF CONDUITS MUST RUN THROUGH CONDUIT, BOTH ENDS OF CONDUIT SHALL BE GROUNDED. SEAL BOTH ENDS OF CONDUIT WITH SILICONE GULK.
- EXTERNAL CONNECTIONS
 - ALL BURIED GROUNDING CONNECTIONS SHALL BE MADE BY THE EXOTHERMIC WELD PROCESS. CONNECTIONS SHALL INCLUDE ALL CABLE TO CABLE, SPACES, TEES, CROSSES, ETC. ALL CABLE TO GROUND CONNECTIONS SHALL BE GROUNDED TO THE SAME POINT. ALL MATERIALS USED SHALL BE AS INDICATED. ALL MATERIALS USED SHALL BE MANUFACTURER'S RECOMMENDED PROCEDURES.
 - ALL ABOVE GRADE GROUNDING AND BONDING CONNECTIONS SHALL BE CONNECTED BY TWO HOLE GRAMP TYPE (COMPRESSION) CONNECTIONS. EXCEPT FOR THE AGES AND GROUND ROD. MECHANICAL CONNECTIONS SHALL NOT BE USED. ALL CABLE TO CABLE CONNECTIONS SHALL BE HIGH PRESSURE DOUBLE GRAMP TYPE CONNECTIONS. CONNECTIONS TO STRUCTURAL STEEL SHALL BE EXOTHERMIC WELDS.

- GROUND RODS: ALL GROUND RODS SHALL BE 5/8-INCH DIAMETER X 10'-0" LONG "COPPERWELD" OR APPROVED EQUAL, OF THE NUMBER AND LOCATIONS INDICATED. GROUND RODS SHALL BE DRIVEN FULL LENGTH VERTICAL IN UNDISTURBED EARTH.
- ALL GROUNDING RODS SHALL BE STANDARD TUNED SOLID BARE COPPER ANNEALED, AND OF SIZE INDICATED ON DRAWINGS UNLESS OTHERWISE NOTED.
- ALL LUGS SHALL BE 3-HOLE LONG BARREL STRAND COPPER UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS. LUGS SHALL BE THOMAS AND BETTS SERIES #54, BE OR EQUIVALENT.
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- [illegible]

VERSION	DATE	DESCRIPTION
A	10.26.15	FOR CLIN REVIEW
B	02.01.16	FOR CLIN REVIEW

[illegible]

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

SITE ID: 9FLB000630/MI90XS167
MAJORCA AVE/
PONCE DE LEON BLVD
CORAL GABLES, FL 33134
WOOD POLE

SHEET NUMBER
TC-1

**FLORIDA UTILITY
POLE AUTHORITY**

DRAWN BY ALR

VERSION	DATE	DESCRIPTION
1.00.00.00	2000.01.01	Initial release

VERSION	DATE	DESCRIPTION
A	10.26.15	FOR CLIENT REVIEW
B	02.01.16	FOR CLIENT REVIEW

[illegible]

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SITE ID: 9FLB000630/MI90XS167
MAJORCA AVE/
PONCE DE LEON BLVD
CORAL GABLES, FL 33134
WOOD POLE

SHEET TITLE

EROSION CONTROL PLAN

SHEET NUMBER
EC-1



SCALE: 1" = 60'-0" (1" = 30'-0" ON 22"x34" SHEET)

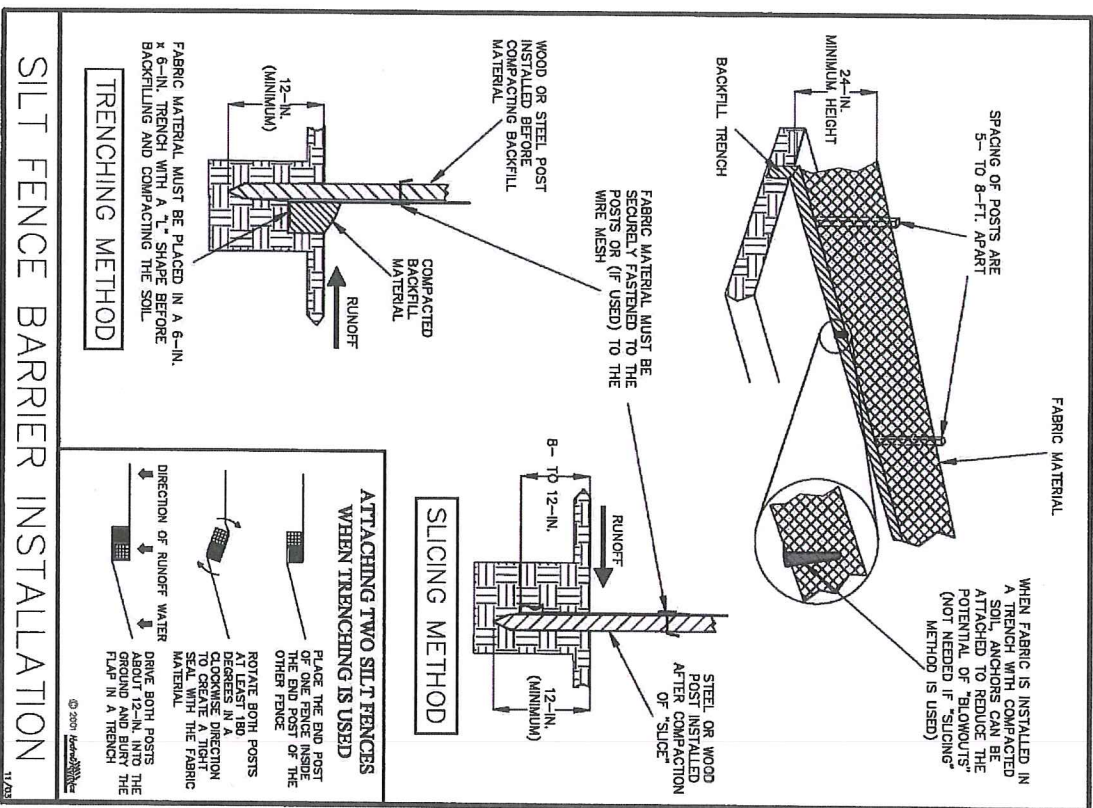


Figure V-40: Illustration of a Silt Fence Barrier

SILT FENCE DETAILS	1
SCALE: NOT TO SCALE	

<p>FLORIDA UTILITY POLE AUTHORITY</p>	
<p>PROJECT NO. TTS0208</p> <p>DRAWN BY AJR</p> <p>CHECKED BY PWA</p>	<p>ISSUED FOR REVIEW ONLY</p>
<p>DATE DESCRIPTION</p> <p>A 10/2/15 FOR QDR REVIEW</p> <p>B 10/2/15 FOR QDR REVIEW</p>	<p>IT IS A VIOLATION OF THE LAW FOR ANY PERSON OR FIRM TO REPRODUCE, COPIY, OR TRANSMIT THIS DOCUMENT, OR ANY PART THEREOF, WITHOUT THE WRITTEN PERMISSION OF THE DESIGNER. TO ALTER THIS DOCUMENT.</p>
<p>SITE ID: 9FLB000630/0905167</p> <p>MALORCA AVE/ PONCE DE LEON BLVD</p> <p>CORAL GABLES, FL 33134</p> <p>WOOD POLE</p>	<p>SHEET TITLE</p> <p>EROSION CONTROL DETAILS</p> <p>SHEET NUMBER</p> <p>EC-2</p>

GRAY ROBINSON
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Attorney At Law

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ORLANDO
TALLAHASSEE
TAMPA

March 15, 2016

VIA ELECTRONIC & US MAIL

Cory Mofield
NRE Agreements Specialist
Mobilitie, L.L.C. d/b/a Florida Utility Pole Authority
120 S. Riverside Plaza
Suite 1800
Chicago, IL 60606
Cory.Mofield@Mobilitie.com

**RE: City of Coral Gables, FL: Mobilitie, L.L.C. d/b/a Florida Utility Pole
Authority ("Mobilitie"): Registration and Permit Application**

Dear Mr. Mofield:

We represent the City of Coral Gables, FL ("City"), which has asked me to review the registration materials Mobilitie filed with the City pursuant to your correspondence dated January 19, 2016, as well as the Addendum to the registration materials submitted with your correspondence dated February 4, 2016 (collectively "Registration"). In addition, this addresses the Permit Application filed by Mobilitie's contractor on February 4, 2016 ("Permit Application"). There are several issues with the Registration as well as the Permit Application as detailed below. Accordingly, this letter sets forth the City's rejection of the Registration and the reasons for such rejection. Since Mobilitie does not have an effective Registration and has not complies with other applicable provisions of the City Code as detailed below, the City will not process the Permit Application.

1. Evidence of Insurance Coverage: Section 70-81(a) of the City Code provides: "All liability policies shall provide that the city is an additional insured as to operations under the registration and shall provide this severability of interest provision." We have reviewed the Certificate of Liability Insurance submitted with the Registration. The comments on the Certificate provide: "If required by written contract the City of Coral Gables, its officers, directors, agents, servants, employees, and assigns are additional insured to all liab policies...." The Certificate is not required by written contract with the City; rather, it is required pursuant to Section 70-81(a) of the City Code. Further, the coverages section of the Certificate provides: "This is to certify that the policies of insurance listed below have been issued to the insured named above for the policy period indicated. Notwithstanding any requirement, term or

Cory Mofield
NRE Agreements Specialist
Mobilitie, L.L.C. d/b/a Florida Utility Pole Authority
March 15, 2016
Page 2 of 3

condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policy described herein is subject to all the terms, exclusions and conditions of such policies.” As indicated, the Certificate of Liability Insurance is required pursuant to the City Code; not pursuant to any contract or other document. The Certificate of Liability Insurance does not satisfy the City Code’s registration requirements.

2. Performance Bond: Section 70-83 of the City Code provides: “At the time of registration, the registrant shall file with the city, for city approval, a cash security, a bond, or irrevocable letter of credit, in the sum \$50,000.00, in a form acceptable to the city manager or his designee..... The cash security, bond, or irrevocable letter of credit, shall be to secure the full and faithful performance by the registrant of all requirements, duties and obligations imposed upon registrant by the provisions of this article and to pay any taxes, fees or liens owed to the city.” The Performance Bond submitted by Mobilitie, Bond No. 1041559, does not comply with this requirement of the City Code. It provides in the first “Whereas Clause” the following:

Principal contemplates constructing communications facilities in the public right of way within the jurisdiction of the Obligee, and that has been issued a permit by said Obligee for this purpose. The above mentioned permit sets forth the terms and conditions which govern the access and use of the right of way and said permit is specifically referred to and made a part of this bond, with like force and effect as if herein at length set forth.

This language is not correct. Rather, the purpose of the security fund is to fulfill the Registration obligations pursuant to the City Code; it is not to fulfill any obligations under a permit. Rather, if the Registration is accepted and Mobilitie applies for a permit, the City will determine at that point whether to require a construction bond and the amount of such construction bond. Accordingly, the Performance Bond submitted is not acceptable.

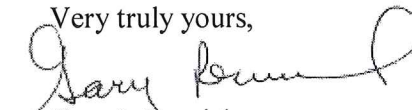
3. Use of Rights of Way: Section 70-78(a) of the City Code provides: “A facility owner agrees at all times to comply with and abide by all applicable provisions of the state statutes and local laws including, but not limited to, applicable zoning regulations not inconsistent with state and federal laws.” In the Registration, Mobilitie provided that it: “constructs and maintains ownership of various operational structures within rights-of-way.” Addendum to Registration. While the Registration did not provide further information as to the specific operational structures Mobilitie intends to construct and maintain within the rights-of-way, the Permit Application and plans accompanying the Permit Application contain information as to such structures. Specifically, the Permit Application provides that Mobilitie intends to construct a 75’ “utility pole,” antenna, and associated facilities within a particular location in the right-of-way. Since Mobilitie intends to construct wireless telecommunications facilities within the rights-of-way, it is required to comply with Article 5, Division 20 of the City’s Zoning Code,

Cory Mofield
NRE Agreements Specialist
Mobilitie, L.L.C. d/b/a Florida Utility Pole Authority
March 15, 2016
Page 3 of 3

which sets forth guidelines for siting wireless telecommunications towers and antennas.¹ A permit cannot be issued until Mobilitie submits an application pursuant to Section 5-2003 and such application has been approved through the appropriate procedures, in addition to obtaining an effective registration. Accordingly, the City will not process the Permit Application at this time. Because the review of applications under Section 5-2003 is more involved, the City recommends that if Mobilitie seeks to move forward, that it submit the application pursuant to the Zoning Code prior to submitting for registration.

Accordingly, pursuant to City Code Section 70-74(c), based on the deficiencies with the Registration, the Registration is not effective. If you have any questions, please do not hesitate to contact me.

Very truly yours,



Gary I. Resnick

GIR:js

cc: Lina Hickman, City Engineer (*via email*)
Craig Leen, City Attorney (*via email*)

¹ The City's Zoning Code is available on its website at,
<http://www.coralgables.com/modules/showdocument.aspx?documentid=1636>.

FLORIDA UTILITY POLE AUTHORITY

925B Peachtree St. NE, Suite 710, Atlanta, GA 30309

March 29, 2016

Mr. Gary I. Resnick
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RE: City of Coral Gables, FL: Mobilitie, L.L.C. d/b/a Florida Utility Pole
Authority ("Mobilitie"): Registration and Permit Application

Dear Mr. Resnick:

This letter is in response to your correspondence dated, March 15, 2016, and is intended to better inform you of Mobilitie, LLC, d/b/a Florida Utility Pole Authority (hereinafter "FUPA"), as a public utility with competitive local exchange carrier ("CLEC") status in all fifty (50) states. Additionally, FUPA is considered a certificated public utility recognized by Florida Public Utility Commission. FUPA constructs and provides transport services to support a variety of uses, including M2M and IoT applications. FUPA is constructing a new, nationwide hybrid transport network as competition to existing fiber backhaul networks. This will facilitate the next generation of devices and data-driven services and to meet our ever-growing demand for connectivity. This network combines fiber, repeaters, and microwave technologies to ensure that the network is cost-efficient, low-impact to communities, and can be effectively upgraded and augmented in the future. FUPA's hybrid transport network can be used to support connected vehicles (commercial, personal and agricultural), remote weather monitoring stations, mobile service providers and much more. FUPA constructs new facilities in the public right-of-way and will also attach to existing infrastructure, such as light and utility poles within the rights-of-way.

Pursuant to your correspondence, FUPA is placed under Coral Gables Telecommunications Municipal Code Chapter 70, Sec. 70-81. Chapter 70 of the Coral Gables code requires FUPA to comply with the "applicable zoning regulations not inconsistent with state and federal laws"¹, specifically Article 5, Division 20 of the City's Zoning Code, in order to install telecommunication facilities, which provide cellular or mobile services to end users. In contrast, FUPA provides transport services, similar to electric, gas, telephone, and cable providers. FUPA is considered a certificated public utility recognized by Florida Public Utility Commission, to deliver telephone and/or telecommunications services as an Alternative Access Vender, similar to Competitive Local Exchange Carriers ("CLEC") or other interexchange providers, AVV Certificate Number 8655. Furthermore, FUPA's primary purpose of the poles is to provide backhaul solutions through a hybrid wire/wireless network. The end result is the transport of third party data through FUPA's infrastructure network. FUPA is akin to a telephone or electric grid network that allows data or electricity to pass through its lines, with the only difference being FUPA also utilizes wireless solutions to expand the reach of its transport network without the need for costly and burdensome excavations. Accordingly, FUPA does not fall within Article 5, Division 20 of the City's Zoning Code, which is only applicable to telecommunications facilities.

Additionally, you advised that permit applications will not be processed unless submitted under Section 5-2003 of the City Code. Section 5-2003 of the code requires "[a]pplications for a telecommunications facility on any

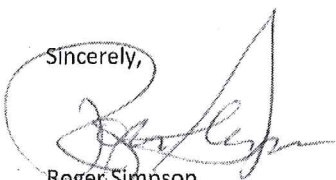
¹ Section 70-78(a).

property owned, leased, or otherwise controlled by the City shall require a lease agreement approved by the City Commission. . . " This section of the code is not applicable because FUPA is not intending to install telecommunication facilities. FUPA does not hold licenses from the FCC and is not regulated by FCC. Section 5-2003 also requires FUPA to enter into an agreement with the City of Coral Gables. Under Florida Statute, a municipality or county may not require an agreement as a condition of entering and occupying the right-of-way.² Florida specifically preempts the ability of municipalities and counties to require franchise fees from providers of communications services such as FUPA. ³ Further, a municipality or county may not charge any taxes or fees for operating as a provider of communications services if such fee is in any way related to the use of the right-of-way.⁴ Moreover, Florida requires municipalities to treat providers of communications services in a nondiscriminatory and competitively neutral manner.⁵ Wherefore, the Section 5-2003 requirement of a lease agreement in order to obtain a permit to access the public-right-of-way is not in accordance with Florida State Statute §337.401(3).

For the above-mentioned reasons the City of Coral Gables Telecommunications Use of Rights of Way Section 70-78(a) and Zoning Code Section 5-2003 are not applicable to FUPA and our permit applications. Nevertheless, it appears FUPA would fall under Chapter 62, Article III of Coral Gables Municipal Code. Section 62-59 explicitly provides: "the director of public works shall be authorized, upon completed application being made, to issue to any person a permit to work on, to cut into, dig, or make excavations in any of the streets. . . sidewalks. . . or easements in the city for the purpose of. . . setting poles. . . , provided that the applicant complies with the public works department standard specifications. . . ". At this time, FUPA requests that you provide us with any pertinent information as it pertains to obtaining permits to implement our utility structures under Chapter 62 of Coral Gables Municipal Code.

Please contact me with any questions or concerns you may have regarding this communication. I can be reached by phone at (470) 755-8667 or e-mail at roger.simpson@itbutility.com. I look forward to your response and working with you in the future.

Sincerely,



Roger Simpson

Director Government Relations

² Fla. Stat. §337.401(3)(a).

³ Fla. Stat. §337.401(3)(e).

⁴ Fla. Stat. §337.401(3)(f).

⁵ Fla. Stat. §337.401(3)(a)-(b).

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June 6, 2016

VIA ELECTRONIC & US MAIL

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**Re: Mobilitie, LLC d/b/a Florida Utility Pole Authority ("Mobilitie")
Registration and Permit Application**

Dear Messrs. Frankiewicz, Simpson & Mofield:

We represent the City of Coral Gables ("City"). This addresses and responds to the various correspondence and materials submitted by Mobilitie to the City.

Mobilitie's Request:

Mobilitie seeks a permit to install a "Proposed Concrete Pole for Mounting Proposed Lessee Antenna, RRU and Equipment" in a certain location in the City's Public Rights-of-Way ("ROW"). (Permit Application). The construction drawings submitted for the site plan are

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inconsistent indicating on some plans that Mobilitie seeks to install a 75' wood pole and on other plans a 75' concrete pole in the ROW. In essence, Mobilitie seeks to install a 75 ft. pole – either wood or concrete -- in the ROW and lease the pole for the installation of an antenna extending approximately 3' above the pole to provide wireless services. There are questions as to whether the services are “communications” services, or whether the facilities are “communications facilities” that are addressed in detail below.

Pursuant to such request, Mobilitie has submitted registration materials pursuant to the City's Communications Ordinance, Section 70-71 *et. seq.* of the City Code (“Communications Ordinance”). We reviewed materials submitted previously by Mobilitie for such registration and determined that Mobilitie did not satisfy the registration requirements. We further determined that before Mobilitie would be able to obtain a permit to install its pole and antenna in the ROW, it would need to comply with Article 5, Division 20 of the City's Zoning Code. See Correspondence dated March 15, 2016, to Corey Mofield (“March 15 Letter”).

Mobilitie has submitted further registration materials and various correspondence to address the March 15 Letter.

Materials Reviewed:

We are in receipt of and have reviewed the following materials submitted by Mobilitie:

1. Cover Letter from Michael Nuckols to Lina Hickman re: Mobilitie, L.L.C. d/b/a Florida Utility Pole Authority Permit Application Submission, dated April 25, 2016, Enclosing:
 - a. Public Works Permit Application, dated April 25, 2016 (“Permit Application”)
 - b. Certificate of Liability Insurance, dated April 21, 2016
 - c. Exhibits: Site plans and construction drawings
2. Letter from Bruce T. Frankiewicz re: Mobilitie, LLC d/b/a Florida Utility Pole Authority (“Applicant”) – Application (“Application”) for permit approval of new utility infrastructure facility in the public Rights-of-Way of Coral Gables, FL, dated April 25, 2016 (“Frankiewicz Letter”)
3. Performance Bond (#1041559), dated January 13, 2016
4. In re: Application for certificate to provide alternative access vendor service by Mobilitie, LLC, Notice of Proposed Agency Action Order Granting Certificate to Provide Alternative Access Vendor Services, dated November 15, 2006 & Amendatory Order, dated November 20, 2006 (“Alternative Access Vender Certificate”).

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5. Certificate of Liability Insurance, dated January 28, 2016
6. Letter from Cory Mofield to Lina Hickman re: Florida Utility Pole Authority City of Coral Gables Code of Ordinances Section 70-74 Registration, dated February 4, 2016
7. Letter from Roger Simpson re: City of Coral Gables, FL: Mobilitie, L.L.C. d/b/a Florida Utility Pole Authority ("Mobilitie"): Registration and Permit Application, dated March 29, 2016 ("Simpson Letter").

In addition, we have engaged in telephone communications with Mobilitie's representatives.

Mobilitie's Position:

In response to the March 15 Letter, Mobilitie maintains that it is a communications provider entitled to register to use the City's ROW pursuant to the City's Communications Ordinance and that it does not have to comply with Art. 5, Division 20 of the City's Zoning Code.¹ These are addressed below.

Registration:

Mobilitie's materials indicate that Mobilitie has not satisfied the registration requirements contained within the Communications Ordinance. The Certificate of Insurance dated April 21, 2016, does not satisfy the Code's requirements, and the Performance Bond is not in compliance with the Code for the reasons stated in the March 15 Letter. Mobilitie's materials are often inconsistent as to whether it is a "provider of communications services" or whether it seeks to place or maintain "communications facilities" in the ROW. If Mobilitie is not a provider of communications services or does not seek to place or maintain communications facilities, the registration process under the City Code is not available.² Thus, for purposes of evaluating

¹ Mobilitie also asserts that it cannot be required to enter into a lease for use of the ROW pursuant to Section 337.401(c), F.S. However, the City never took that position and Mobilitie quotes the incorrect Section of the Zoning Code. The City never referenced Section 5-2003(C) of the Zoning Code, which requires a lease for property "owned, leased, or otherwise controlled by" the City. Rather, in the March 15 Letter, the City referenced Section 5-2003, which provides generally the requirements for an application to construct wireless facilities in the City.

² The City's registration process is authorized pursuant to Section 337.401(c), F.S., which applies to providers of communications services to place or maintain communications facilities in the ROW. Mobilitie refers to its proposed pole in various different ways including as a "utility infrastructure facility," and as a "proposed concrete pole for mounting proposed lessee antenna" to provide "broadband transport ... wirelessly."

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Mobilitie's registration materials, the City will assume that Mobilitie is a provider of communications services and that it seeks to install communications facilities.

Applicability of Art. 5, Division 20, Telecommunications:

A review of the materials submitted by Mobilitie demonstrates that it intends to install a tower and an antenna in the ROW, as such terms are defined in the City's Zoning Code. Pursuant to Article 8 of the City Zoning Code, the following definitions apply:

Antenna means a transmitting and/or receiving device mounted on a telecommunications tower, building or structure and used in wireless telecommunications services that radiates or captures electromagnetic waves, digital signals, analog signals, radio frequencies, wireless communications signals and other communications signals including directional antennas such as panel and microwave dish antennas, and omni-directional antennas such as whips, but excluding, radar antennas, amateur radio antennas, satellite earth stations, traditional residential television antennas or microwave antennas.

Telecommunications tower or tower means any structure, and support thereto, designed and constructed primarily for the purpose of supporting one (1) or more antennas intended for transmitting or receiving personal wireless services, telephone, radio and similar communication purposes, including lattice, stealth, monopole, and guyed towers. The term includes microwave telecommunications towers, common-carrier telecommunications towers and cellular telephone telecommunications towers, among others. Light, electric and utility poles are only a support structure and are not a telecommunications tower

Based on these definitions, the facilities Mobilitie has described in its materials, particularly the site plan construction documents, constitute a tower and an antenna.³

Mobilitie has indicated that it intends to install "telecommunications equipment in the public rights of way on poles" but that the zoning requirements do not apply because it is not providing wireless services to end users. (Frankiewicz Letter). As a primary matter, it is not clear from the materials that Mobilitie is not providing a wireless service to an end user, which is not a defined term. In any event, under the City's Zoning Code, it does not matter that Mobilitie may not be providing wireless services to end users. The City's Zoning Code does not require that such facilities provide services to end users.

There is no question that the Zoning Code applies to such towers and antennas placed in the ROW. Section 5-2005 S. of the Zoning Code provides, in pertinent part:

³ Mobilitie further asserts that Art. 5, Division 20 is only applicable to "telecommunications facilities." (Simpson Letter). This is not correct based on the language of the Zoning Code. In any event, Mobilitie indicates that it seeks to install "telecommunications facilities." (Frankiewicz Letter).

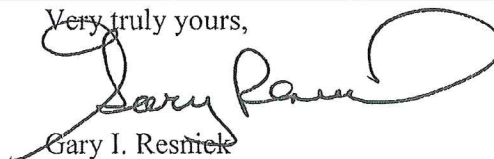
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Telecommunications towers and antennas in the public rights-of-way. Towers and antennas to be installed in the public rights-of-way shall be subject to this Division as well as other provisions of the City Code, including but not limited to Chapter 22, Article VIII, Section 22-200 of the City Code. The height of a telecommunications tower in the public rights-of-way shall not be greater than the height of existing utility poles surrounding the proposed tower and shall be of a design consistent with existing utility poles. All antennas attached to the tower or existing utility poles shall be consistent with the requirements herein.

Mobilitie's materials contain inconsistent and unclear arguments as to why the City's Zoning Code provisions in Art. 5, Division 20 do not apply to its application. To that extent, Mobilitie reserved its rights under applicable law, "including without limitation, the Federal Communications Commission and Shot Clock rules." ((Frankiewicz Letter). The FCC's and Florida "shot clock rules" as they are commonly known, are only applicable to applications for the construction of "wireless service facilities."⁴ Thus, the City's Zoning Code is applicable to Mobilitie's Permit Application. Mobilitie has not filed the correct application pursuant to Section 5-2003, or paid the application fee, to construct a wireless service facility.

Accordingly, based on the materials submitted by Mobilitie, Mobilitie has not satisfied the requirements for a registration in the City and the City will not process its Permit Application.

Very truly yours,



Gary I. Resnick

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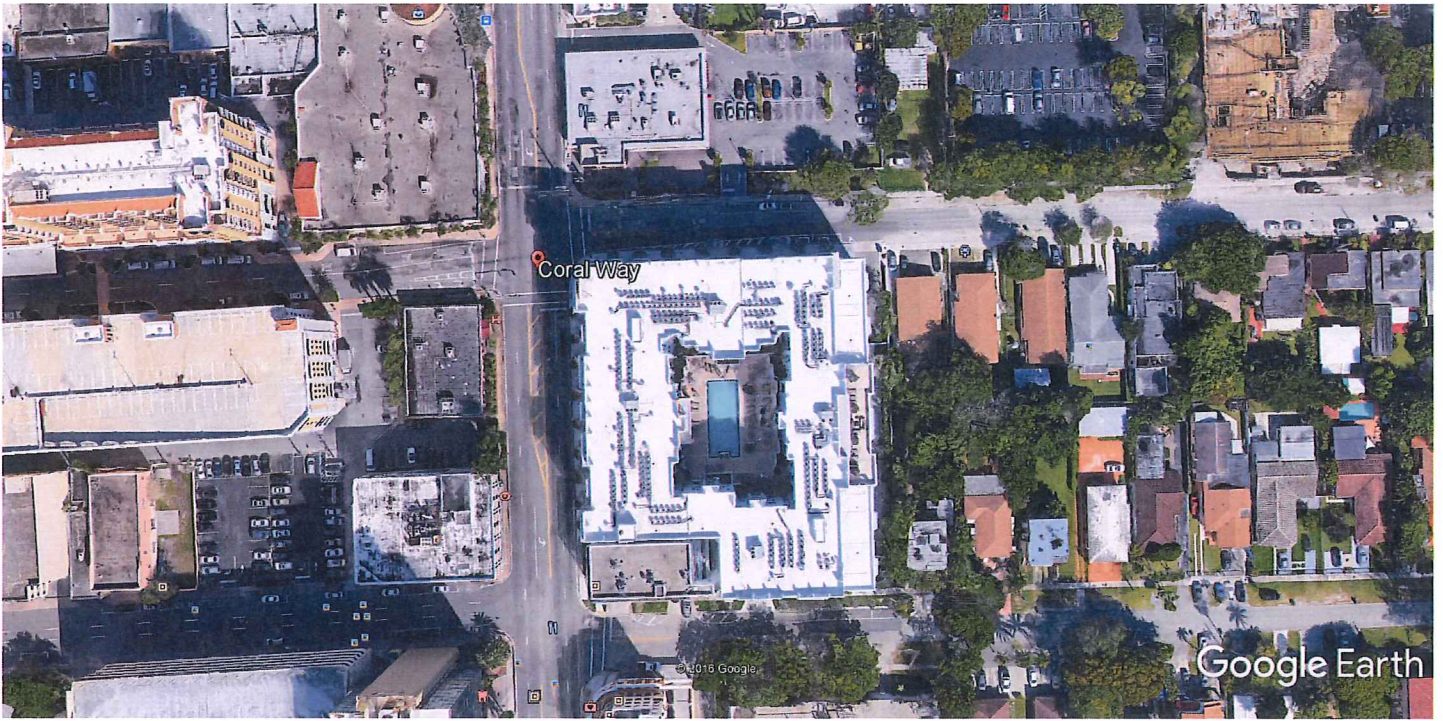
Cc: Lina Hickman, City Engineer (*via email*)
Craig Leen, City Attorney (*via email*)

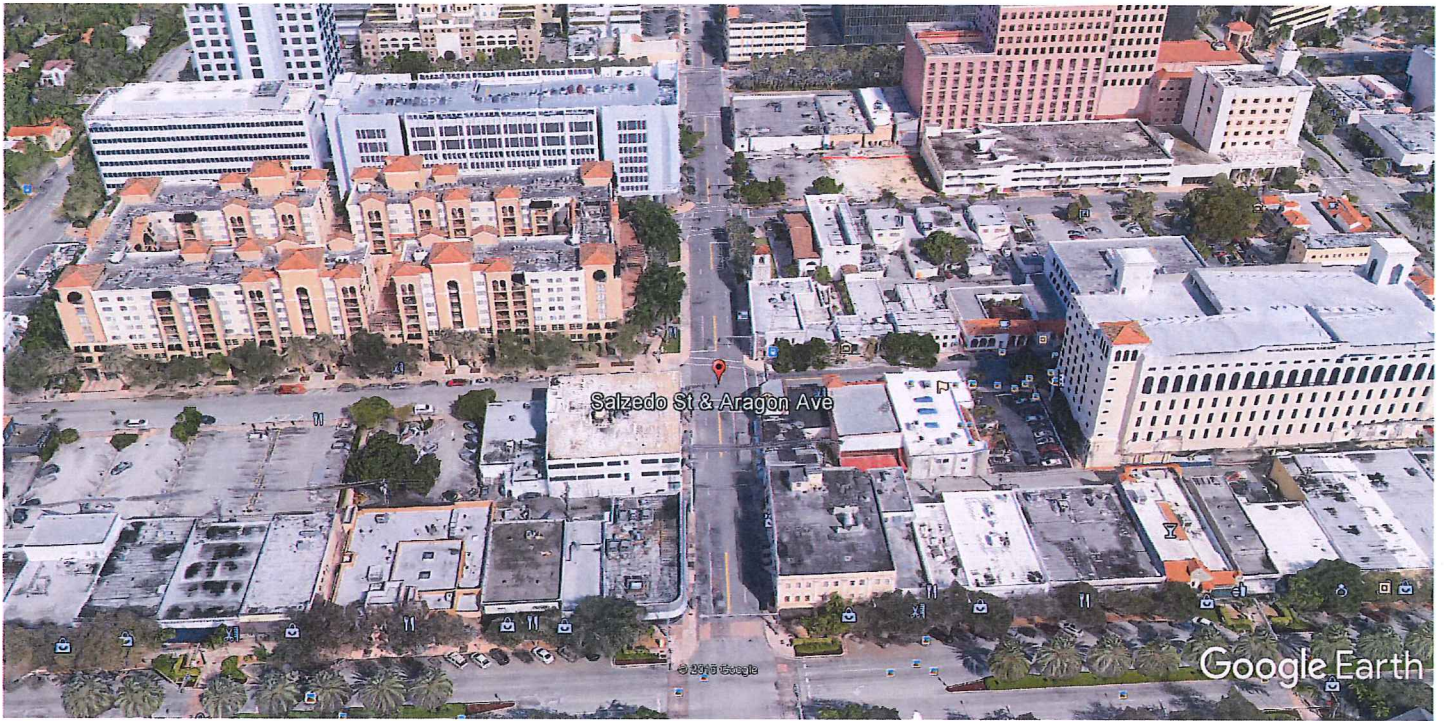
⁴ See Telecommunications Act of 1996, 47 U.S.C. Section 332(c)(7); Section 365.172(3)(z), FL Statutes.



Google Earth

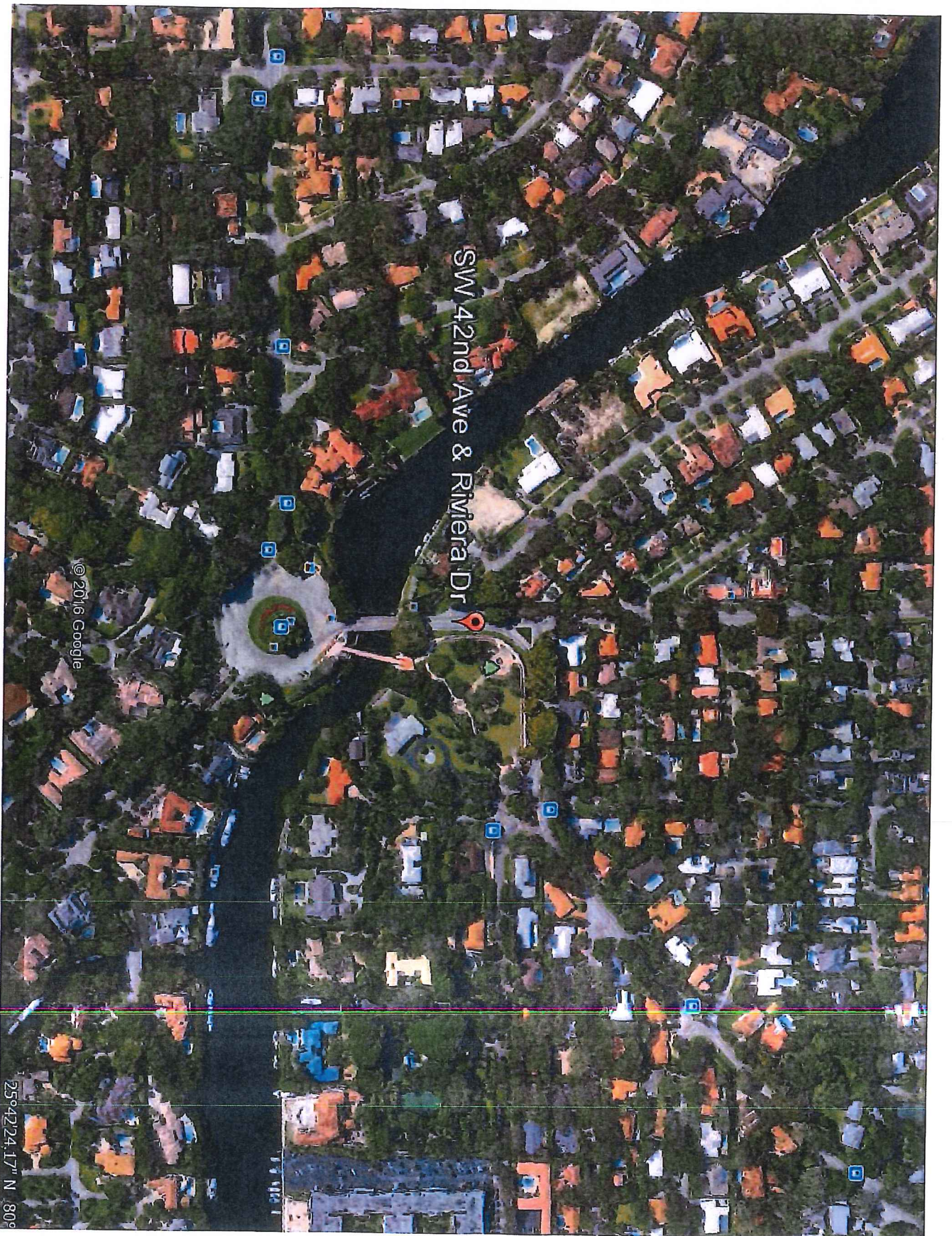






Google Earth





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25°42'24.17" N 80°

Site of Proposed 120' tower adjacent to single family residential properties, near City-owned park.

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January 4, 2017

VIA ELECTRONIC & US MAIL

Roger Simpson
Director, Government Relations
Mobilitie, L.L.C.
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Atlanta, GA 30305
roger@mobilitie.com

RE: City of Coral Gables, FL | Mobilitie, L.L.C. ("Mobilitie")

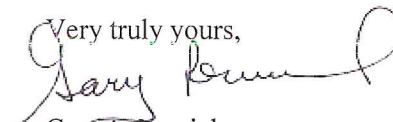
Dear Mr. Simpson:

Thank you for meeting with City of Coral Gables ("City") staff and myself regarding Mobilitie, L.L.C.'s ("Mobilitie") goals with respect to installation of facilities in the City's right-of-way ("ROW").

We appreciate that Mobilitie confirmed that it is a communication services provider and that it seeks to install wireless communication facilities, notably towers as defined under federal and state law, as well as associated equipment in the City's ROW. Further, it was useful to learn that Mobilitie's network would provide services for Sprint's and T-Mobile's customers to achieve enhanced data coverage where there are existing gaps.

As was indicated at the meeting, Mobilitie does not have any applications pending with the City. In addition, the City staff made no commitment with respect to Mobilitie's facilities. Thank you again for meeting with us. If you have any further questions, do not hesitate to contact me.

Very truly yours,



Gary I. Resnick

GIR:js

cc: Peter Iglesias, P.E., Assistant City Manager (via email)
Eduardo Santamaria, P.E. Director of Public Works (via email)
Lina Hickman, P.E., Public Works Engineer (via email)
Craig Leen, City Attorney (via email)
Cristina Suarez, Assistant City Attorney (via email)
Floyd Self, Berger Singerman, LLP (via email)
Genaro "Chip" Iglesias, Ballard Partners (via email)